PHILIPS

Lighting



HORTI

MASTER Agro 400W E40 1SL/12

High Pressure Sodium lamp with clear outer bulb, optimized growthlight output and maintenance

Product data

General Information	
Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	5000 h
Life to 20% Failures (Nom)	9500 h
Life to 50% Failures (Nom)	18000 h
System Description	External Ignitor

Light Technical	
Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Nom)	57000 lm
Photosynthetic Photon Flux (PPF)	695 µmol/s
PPF Maintenance 2000 h	96 %
PPF Maintenance 5000 h	90 %
PPF Maintenance 10000 h	84 %
Chromaticity Coordinate X (Nom)	520
Chromaticity Coordinate Y (Nom)	415
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (Rated) (Nom)	132.5 lm/W
Color Rendering Index (Max)	25
Color Rendering Index (Nom)	20

Operating and Electrical	
Lamp supply voltage	230 V [230]
Power (Rated) (Min)	430.0 W
Power (Rated) (Nom)	430.0 W
Lamp Current (EM) (Nom)	3.9 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	2 min
Ignition Time (Max)	10 s
Voltage (Max)	143 V
Voltage (Min)	113 V
Voltage (Nom)	128 V

Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	5 min

Mechanical and Housing	
Bulb Finish	Clear
Cap-Base Information	-

Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	22.0 mg
Energy Consumption kWh/1000 h	473 kWh

Luminaire Design Requirements	
Bulb Temperature (Max)	450 °C

Cap-Base Temperature (Max)	250 °C

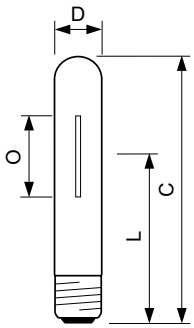
Product Data	
Full product code	871150070750515
Order product name	MASTER Agro 400W E40 1SL/12
EAN/UPC - Product	8711500707505
Order code	928144609201

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928144609201
Net Weight (Piece)	0.192 kg
ILCOS Code	ST-400-H/E-E40

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

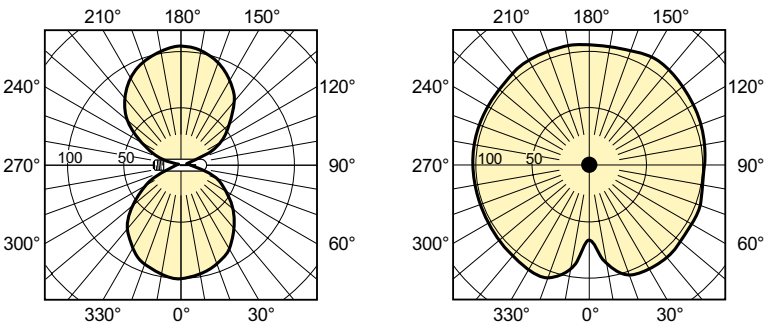
Dimensional drawing



SON Agro 400W E40

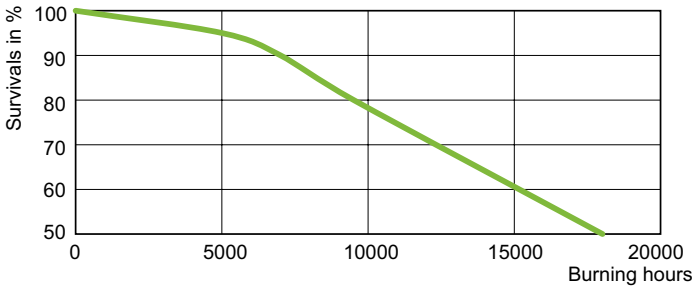
Product	D (max)	O	L	C (max)	A
MASTER Agro 400W E40 1SL/12	47 mm	83 mm	175 mm	278 mm	205 mm

Photometric data

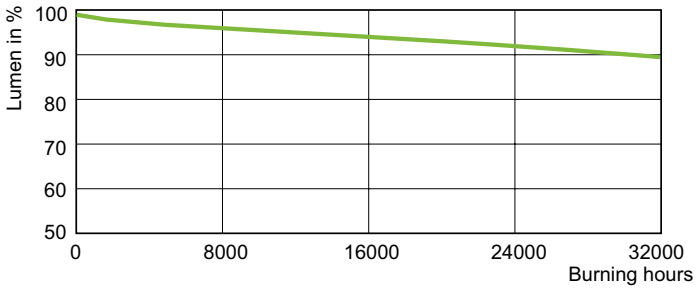


MASTER GreenPower & Agro 250W - 600W

Lifetime



SON Agro 400 W Life Expectancy



MASTER GreenPower 250 W, 400 W Lumen Maintenance

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